

FIG. 1
(Prior Art)

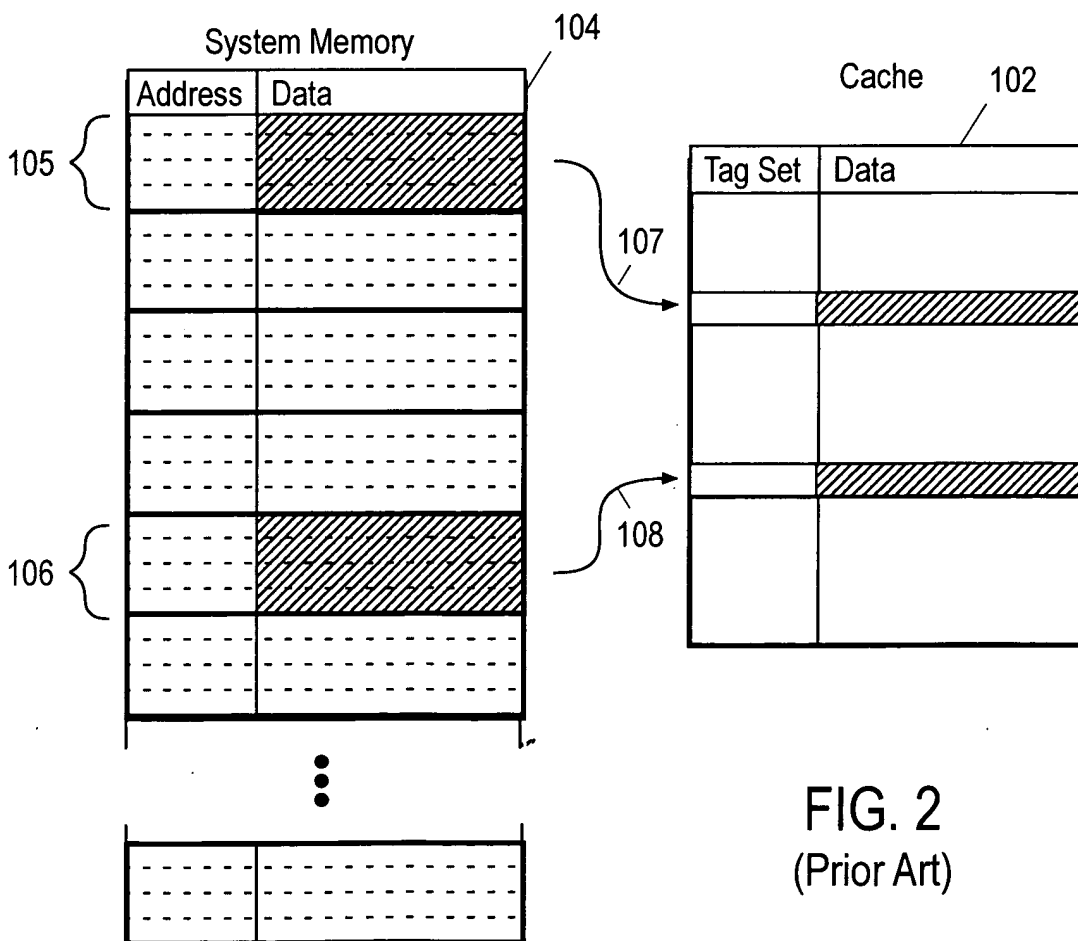


FIG. 2
(Prior Art)

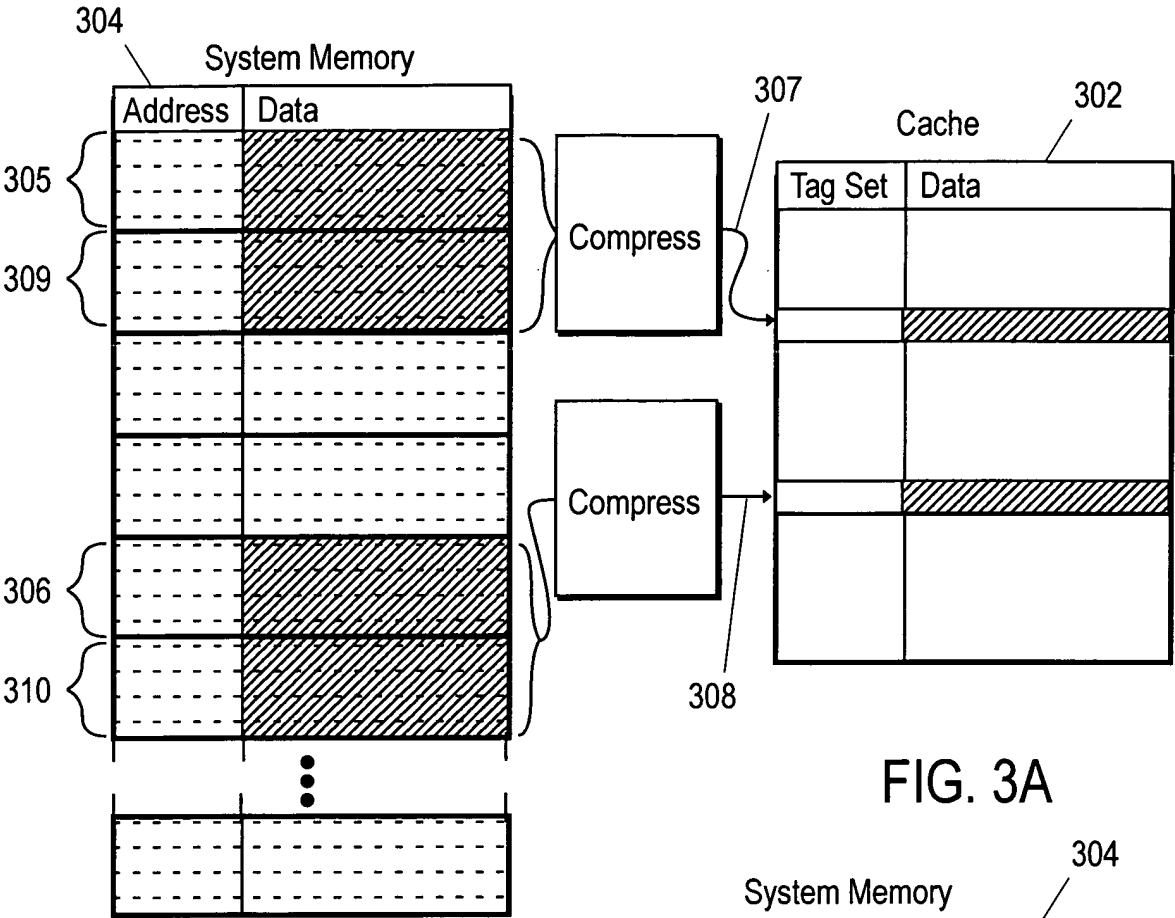
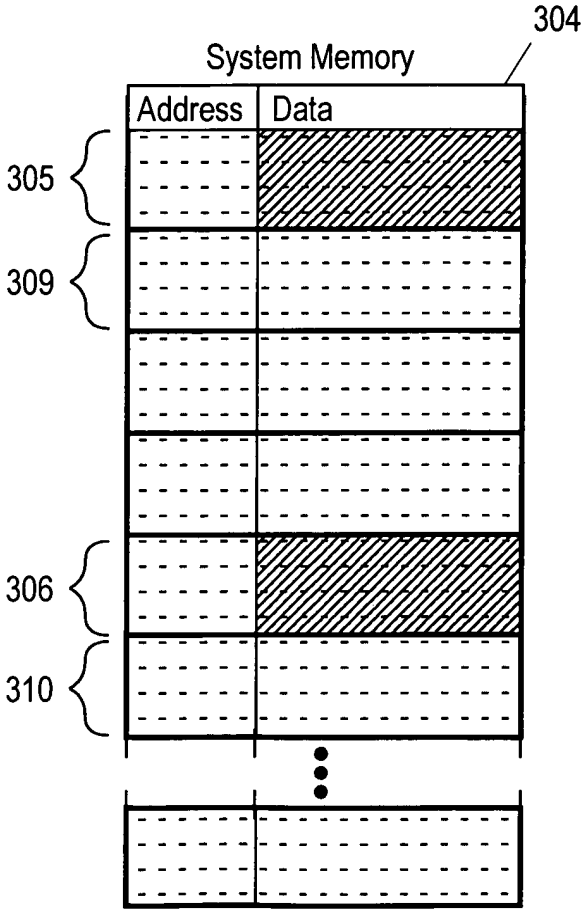


FIG. 3A

FIG. 3B



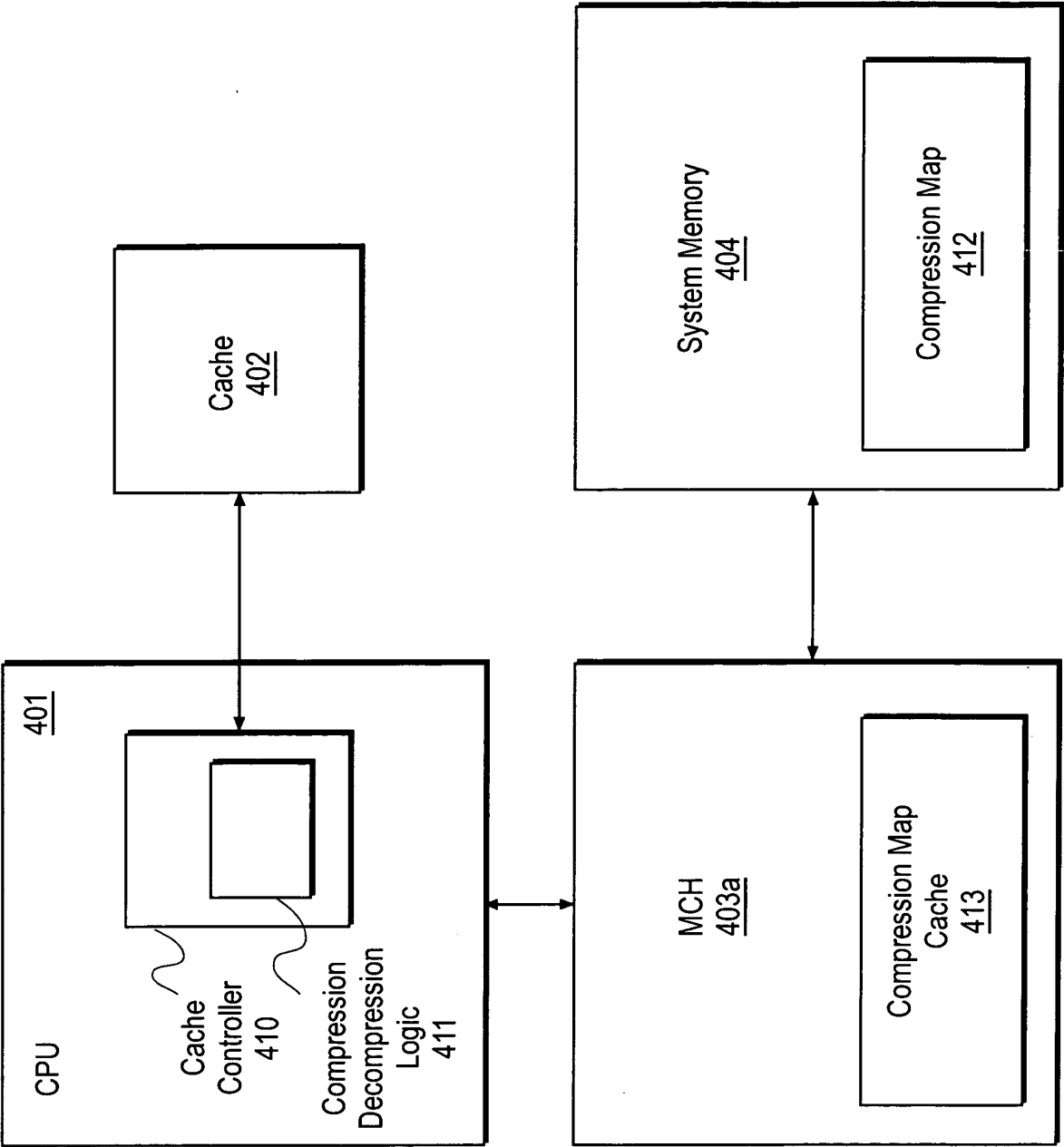


FIG. 4A

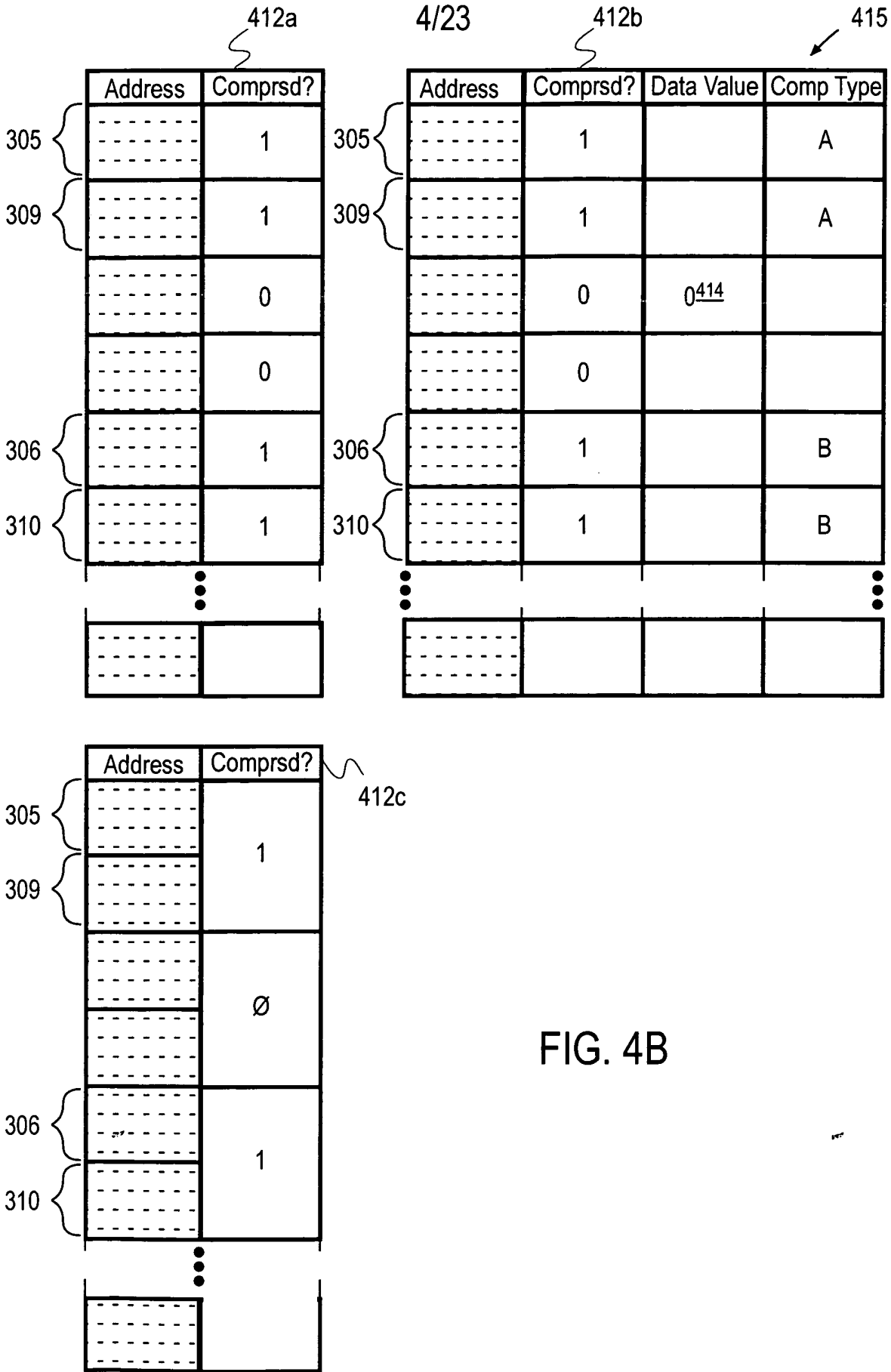


FIG. 4B

5/23

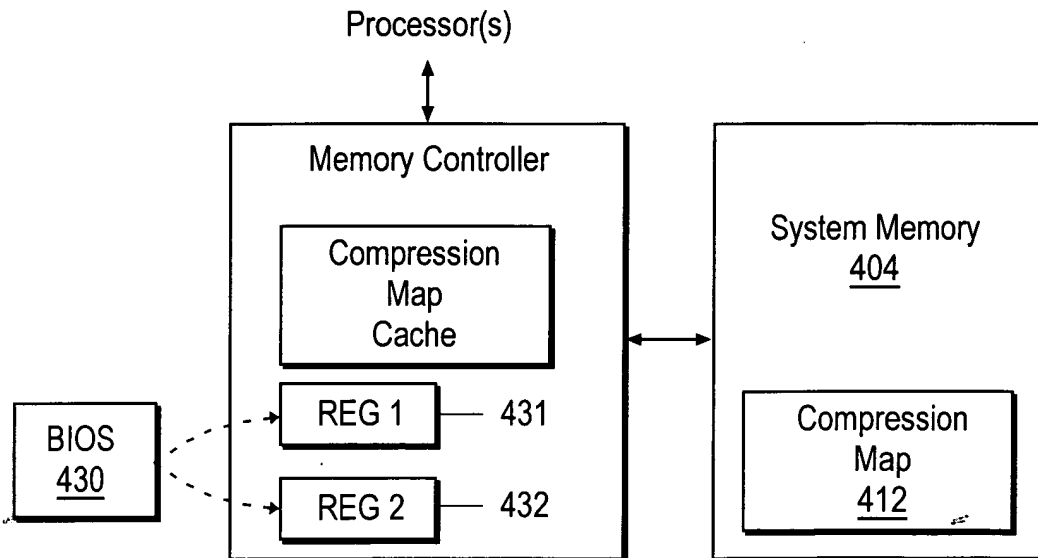
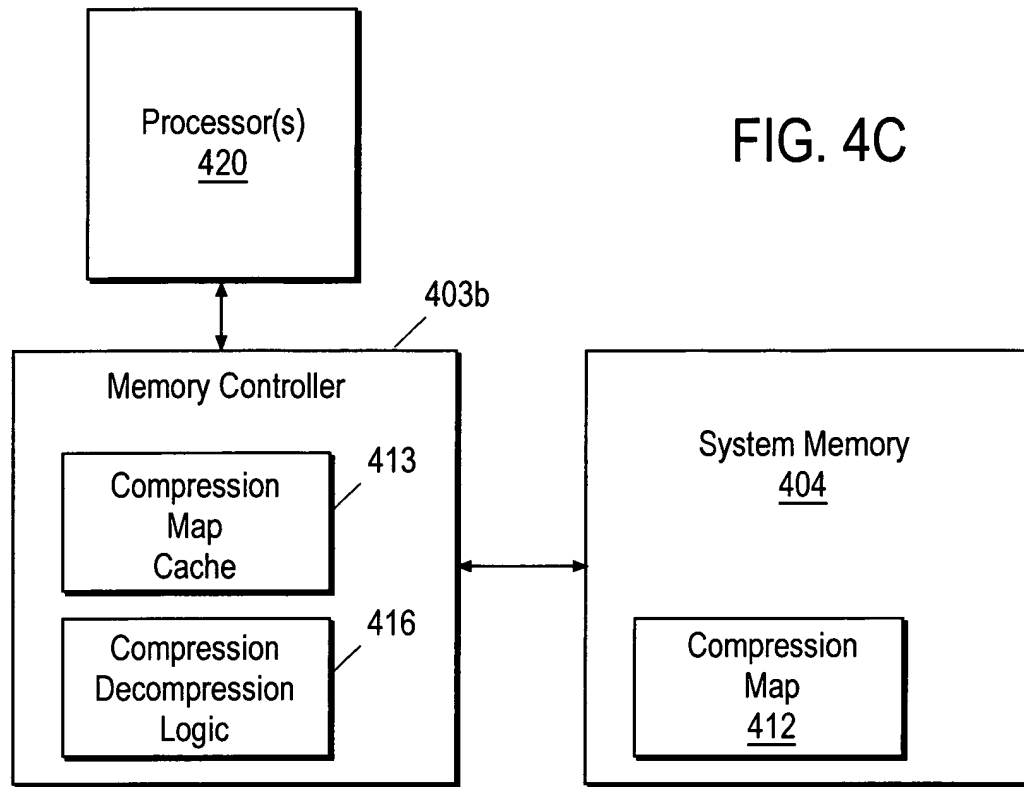


FIG. 4D

6/23

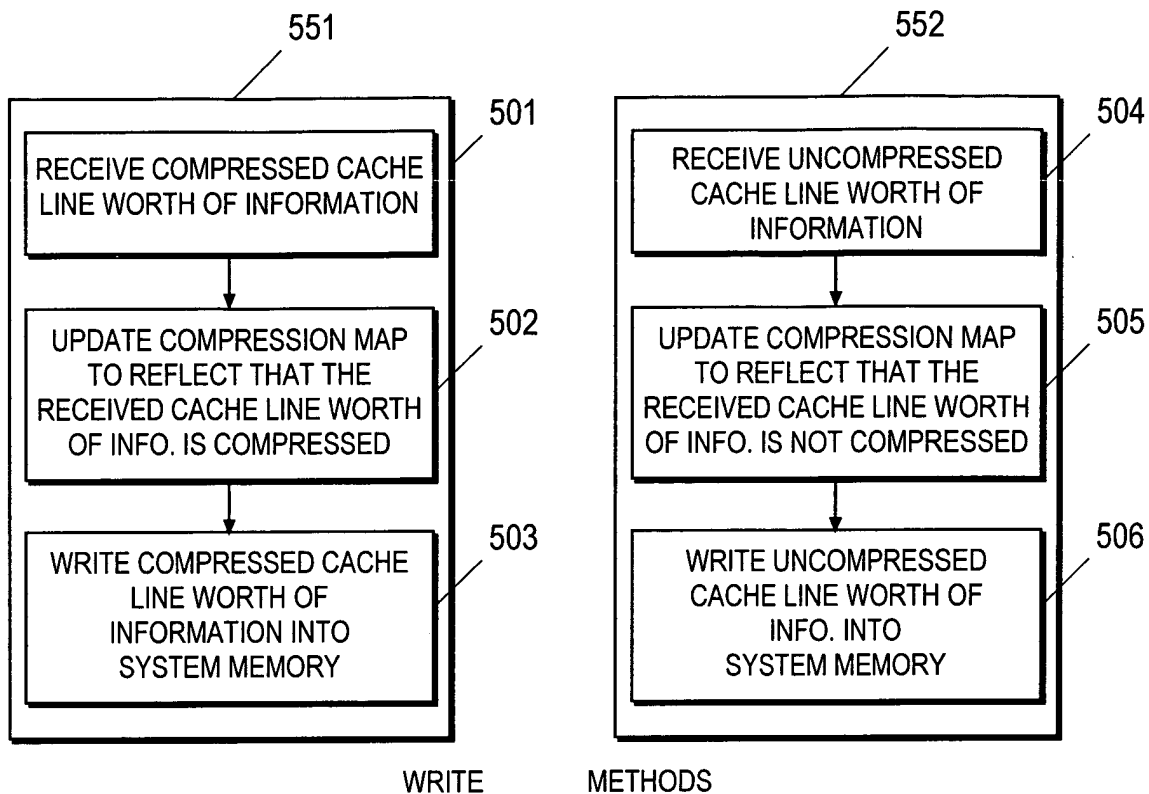


FIG. 5A

7/23

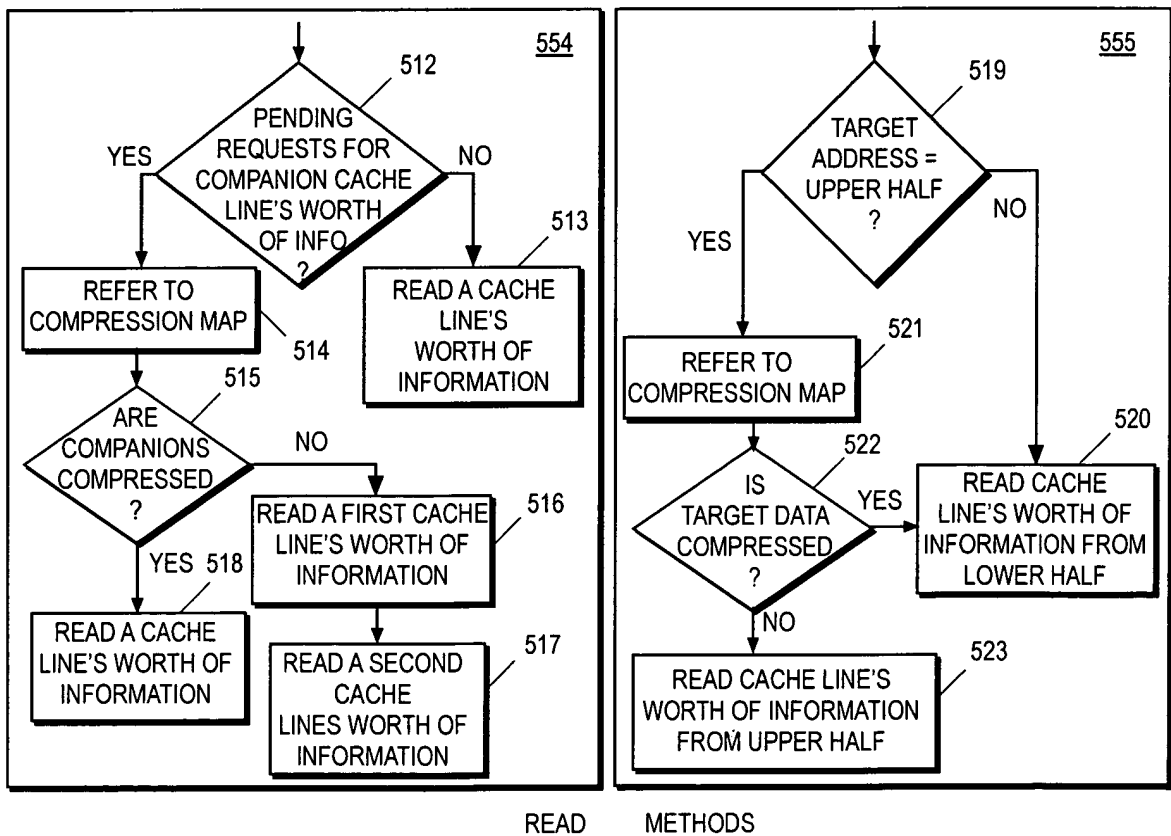
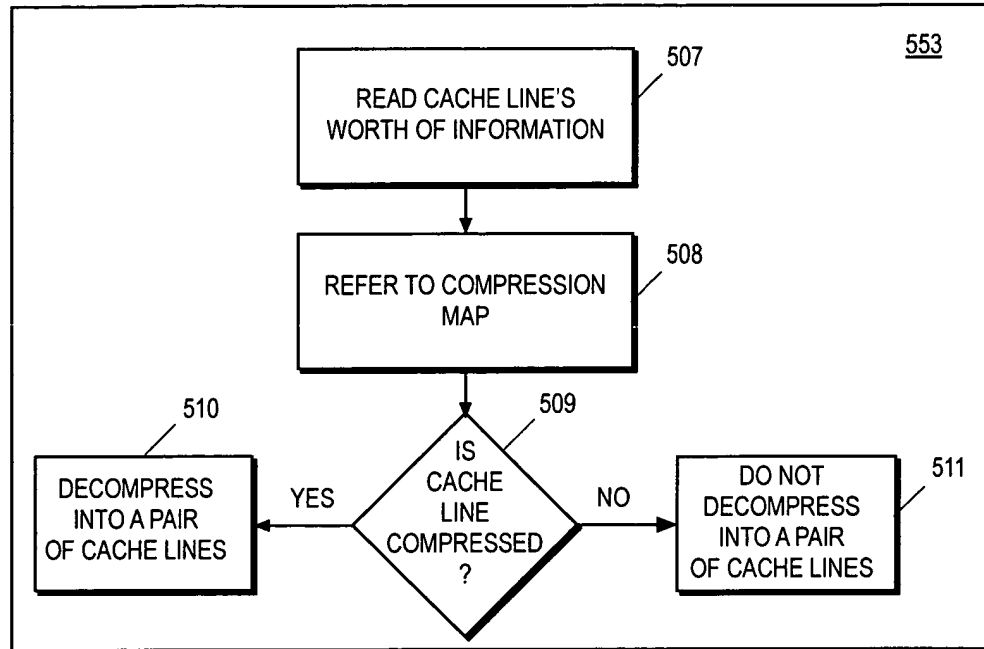


FIG. 5B

8/23

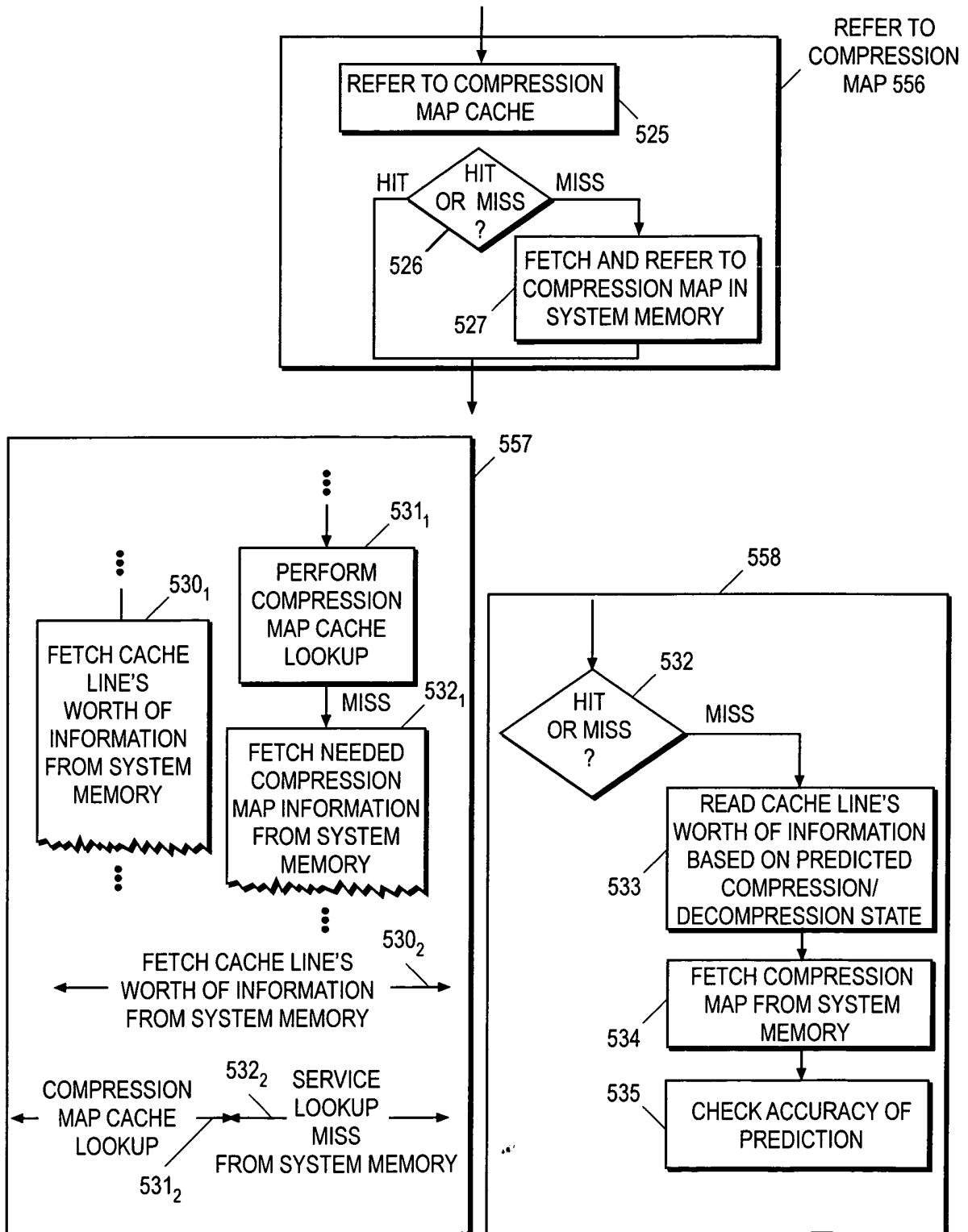


FIG. 5C

9/23

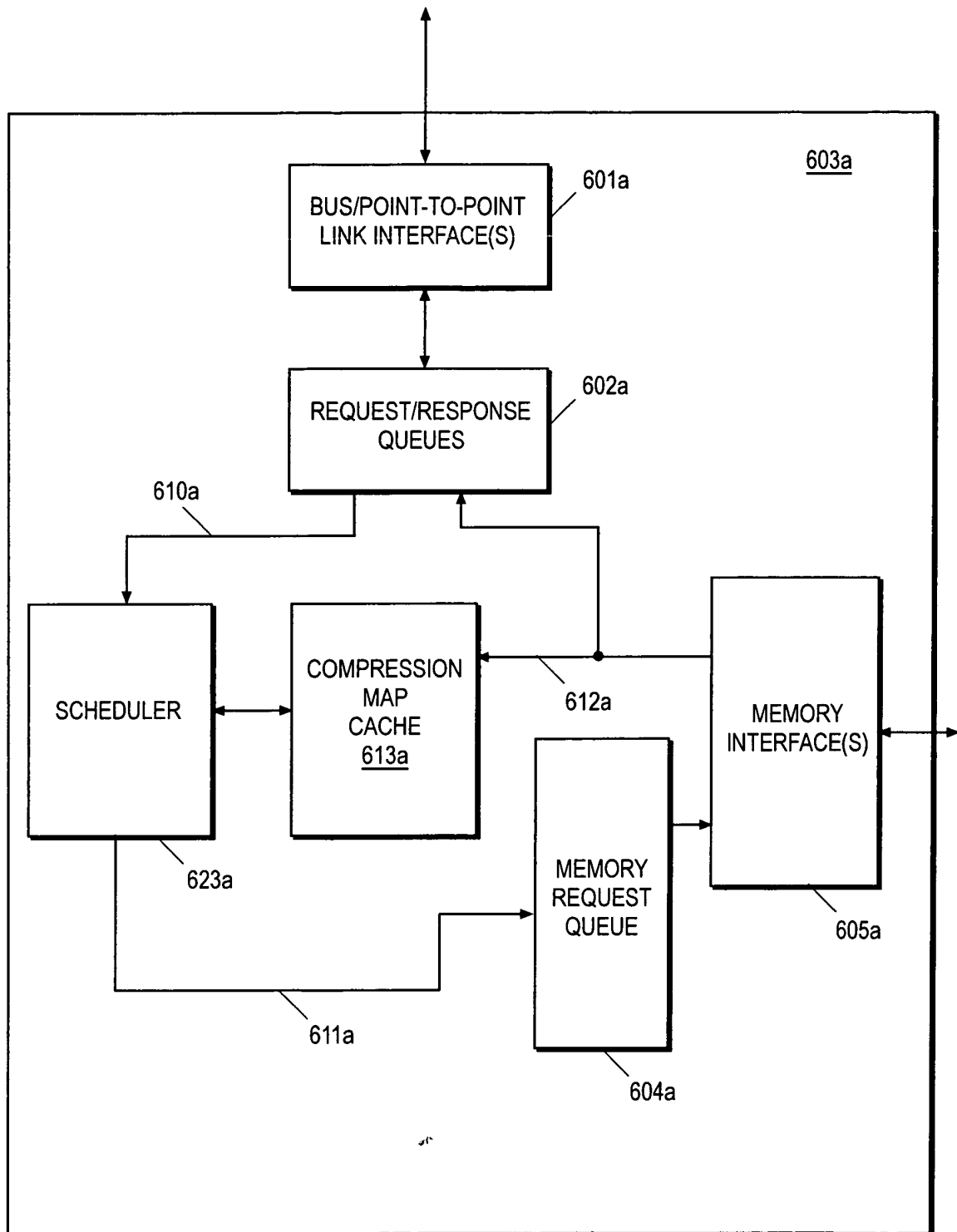


FIG. 6A

10/23

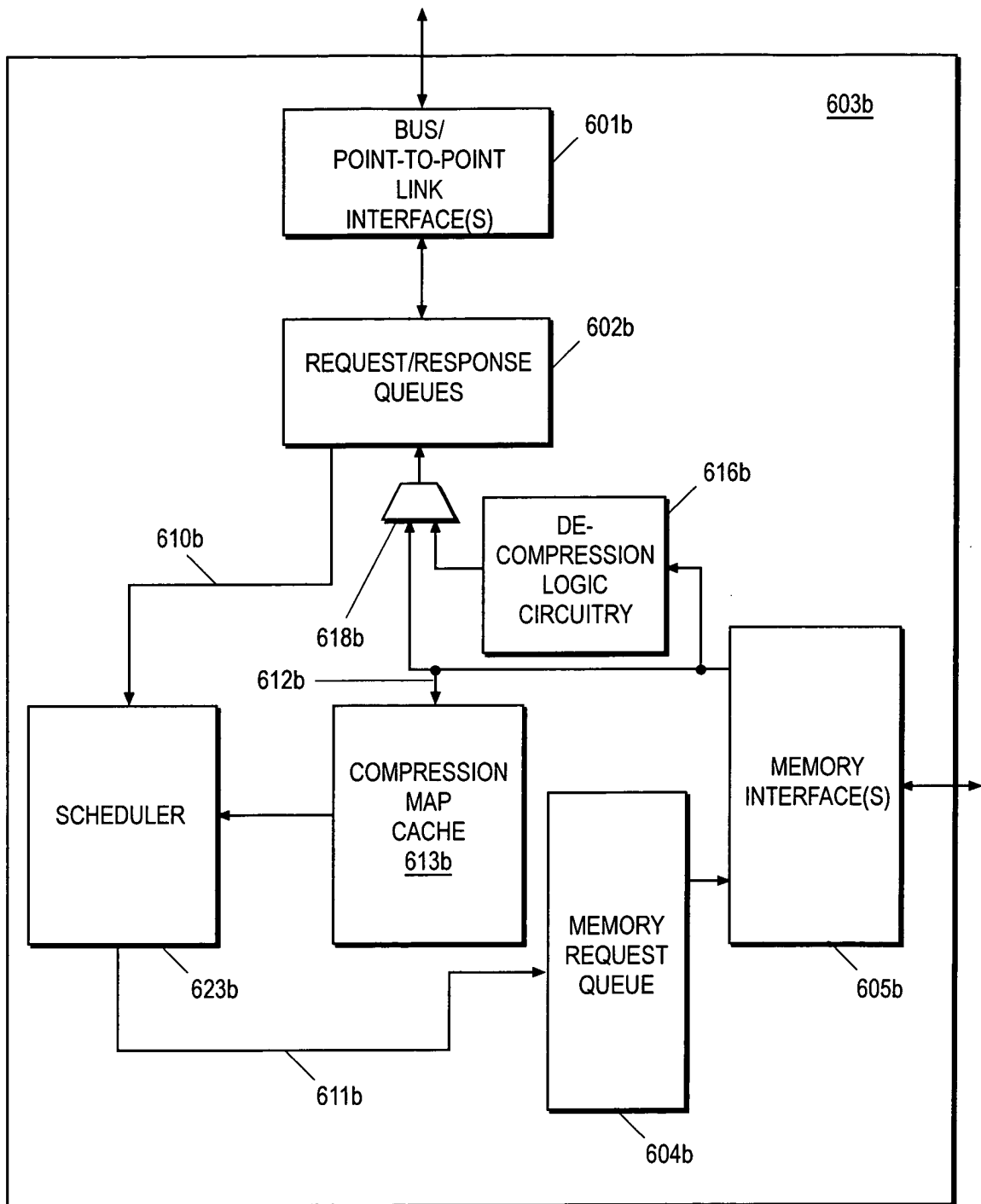


FIG. 6B

11/23

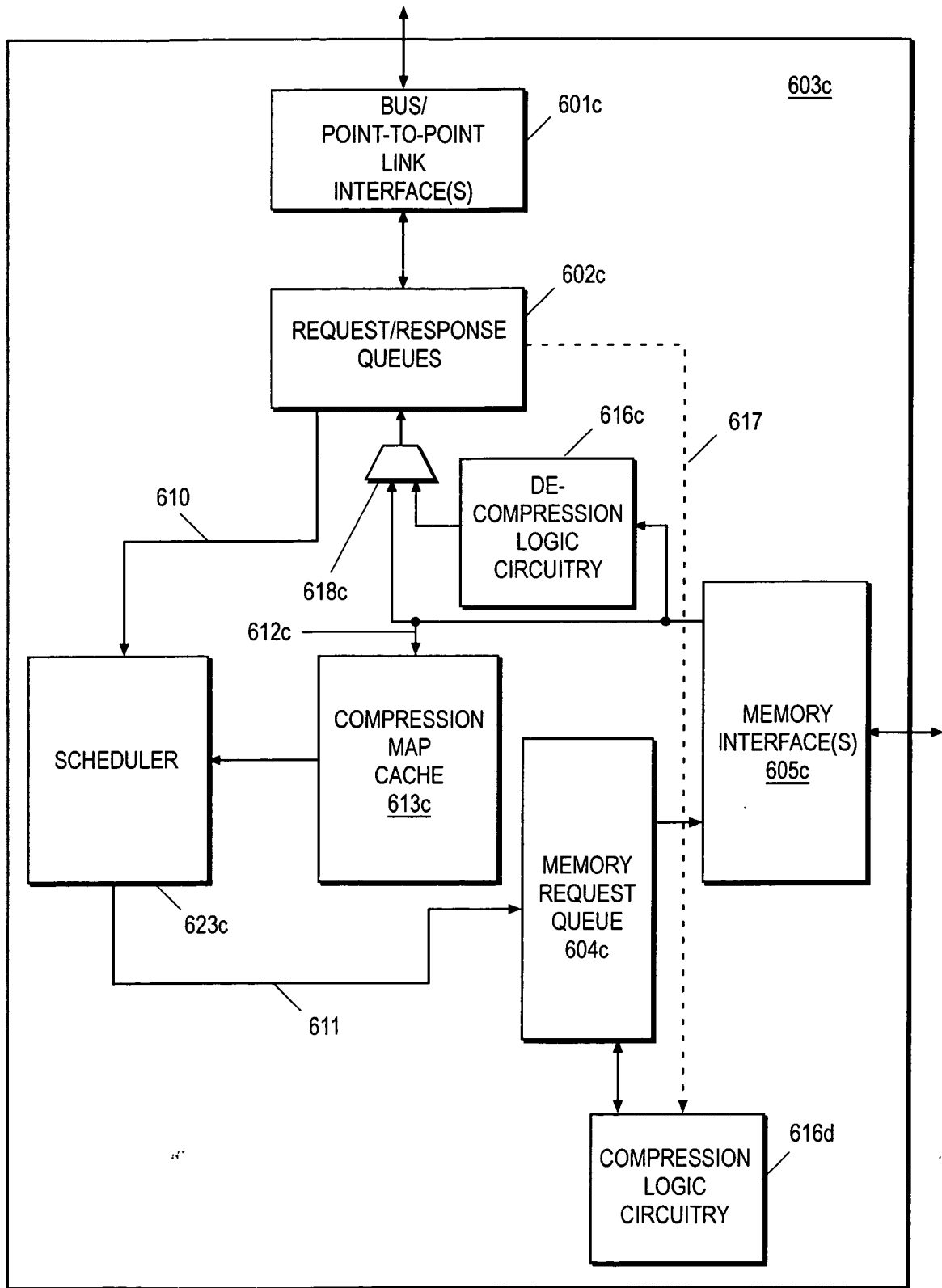


FIG. 6C

12/23

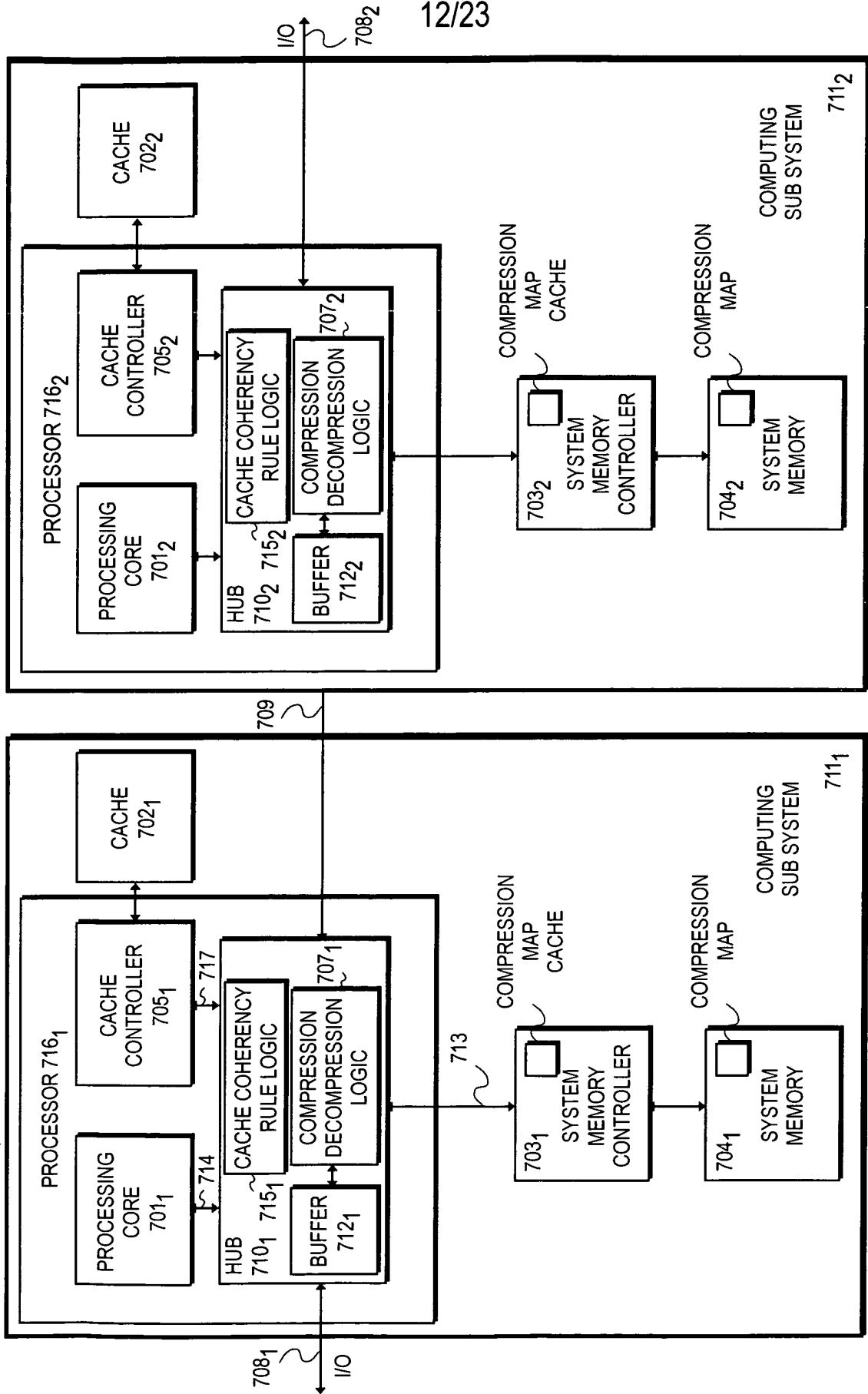


FIG. 7

13/23

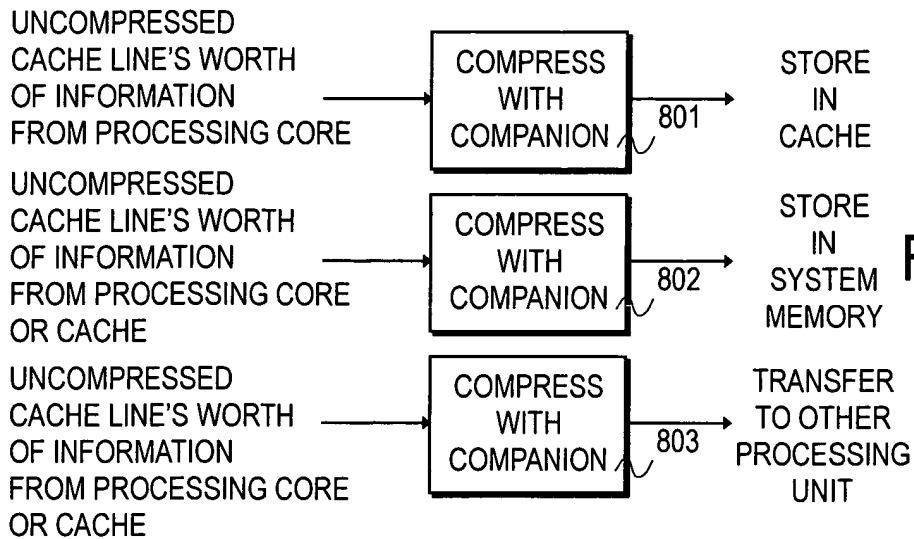


FIG. 8A

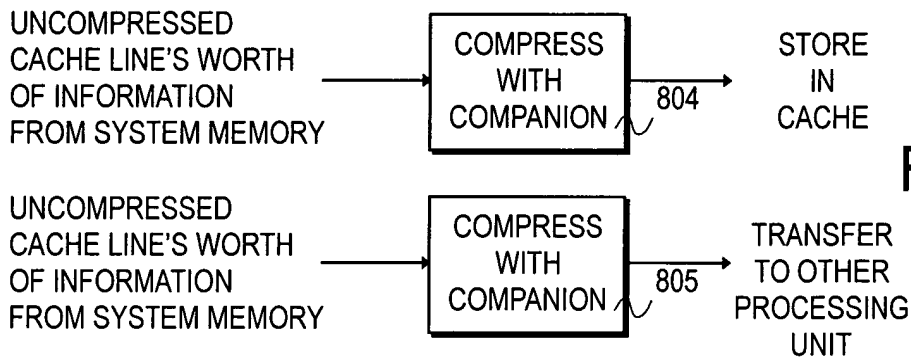


FIG. 8B

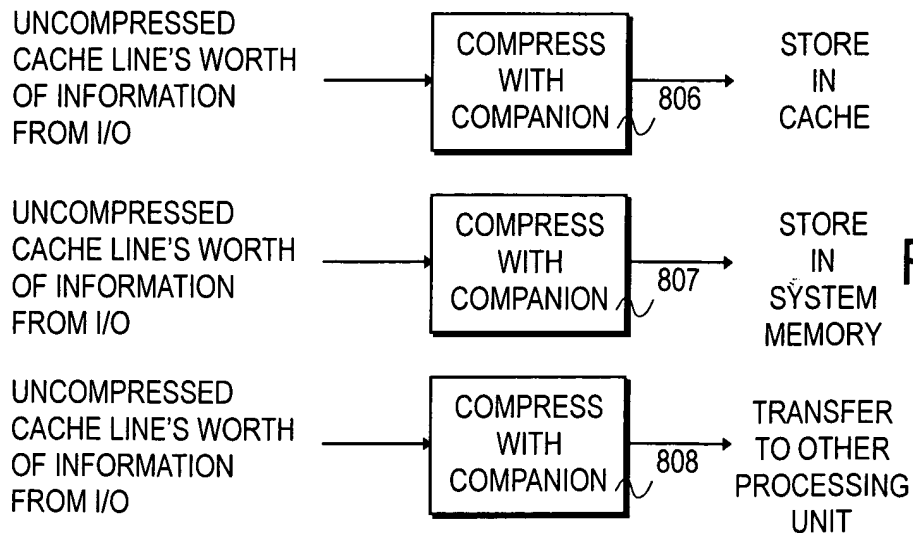


FIG. 8C

14/23

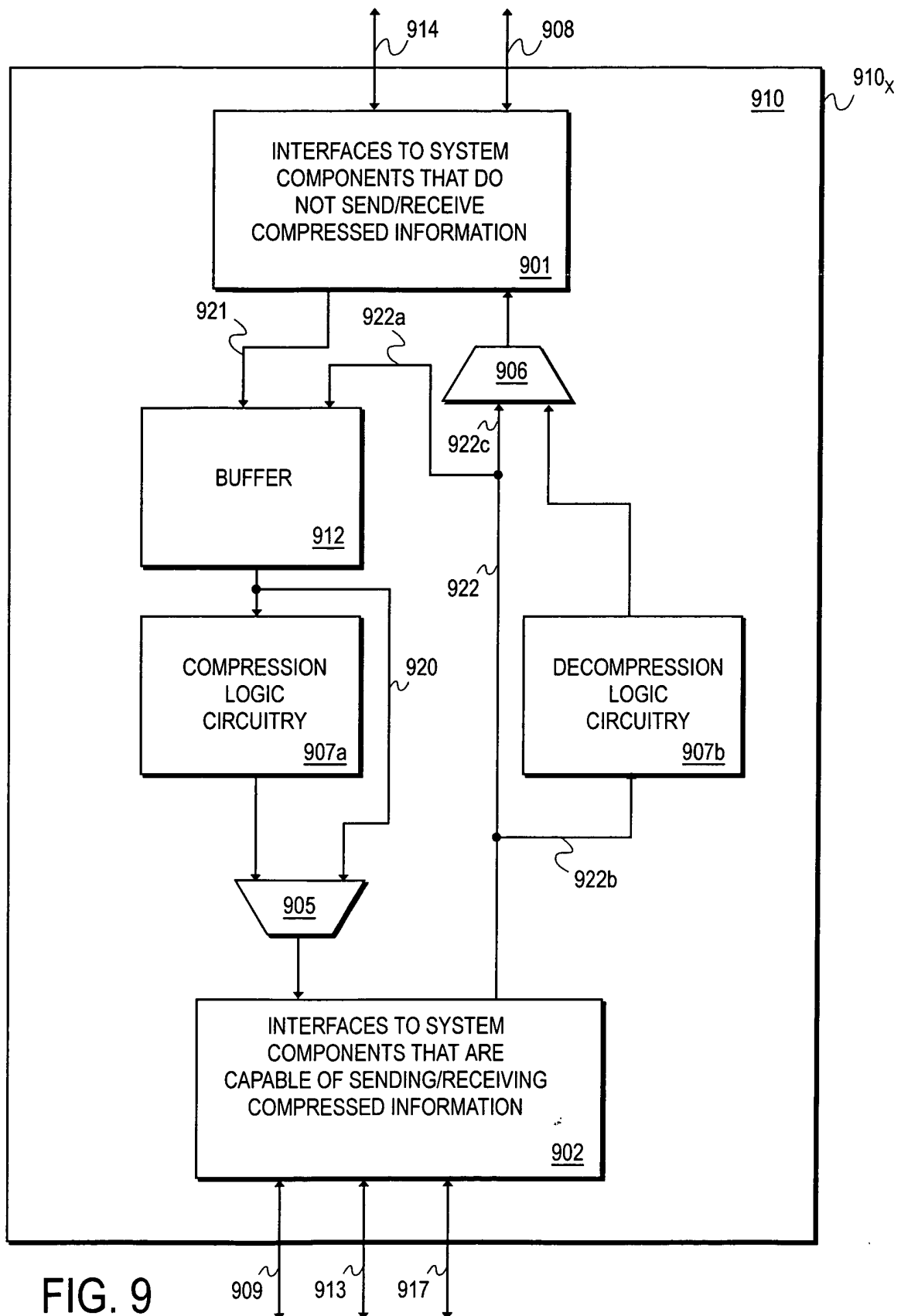


FIG. 9

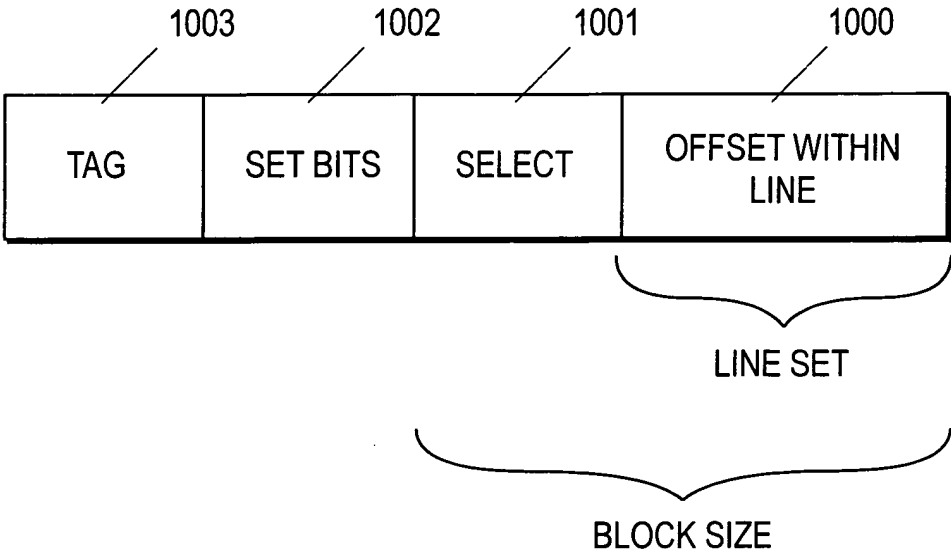


FIG. 10

16/23

COMPRESSION MAINTAINED AFTER WRITE

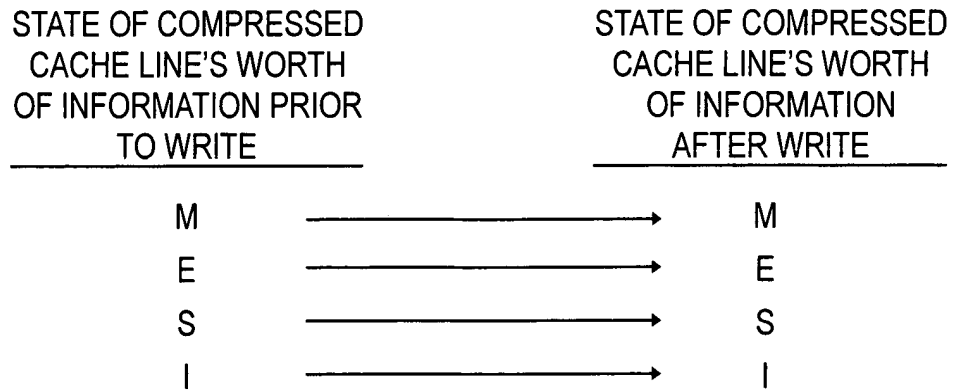


FIG. 11

COMPRESSION NOT MAINTAINED AFTER WRITE

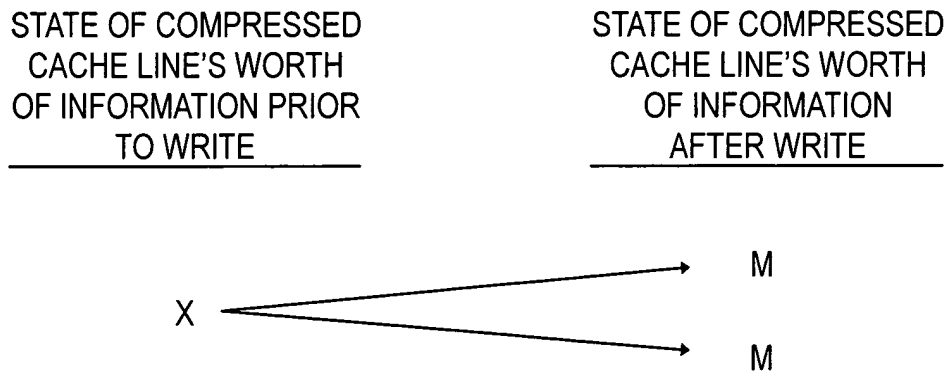
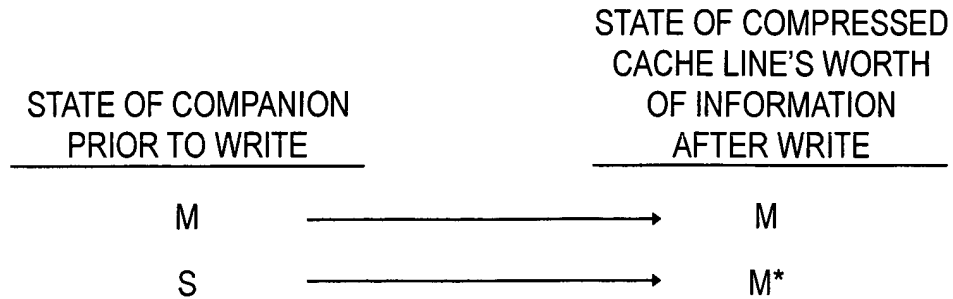


FIG. 12

17/23

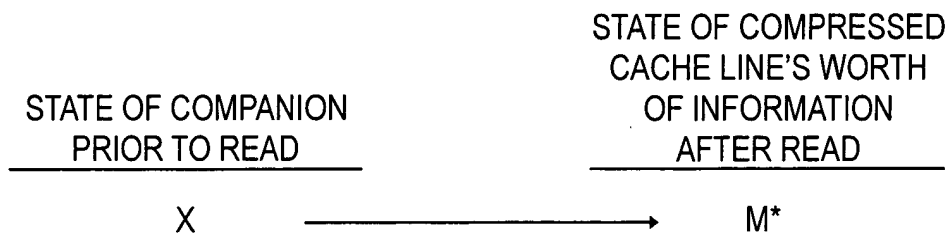
WRITE CAUSES CREATION OF COMPRESSED
CACHE LINE'S WORTH OF INFORMATION



* = IF RFO IS NOT ACHIEVED
DO NOT COMPRESS

FIG. 13

READ CAUSES CREATION OF COMPRESSED
CACHE LINE'S WORTH OF INFORMATION



* FOR X = M = IF RFO IS NOT ACHIEVED
DO NOT COMPRESS

FIG. 14

18/23

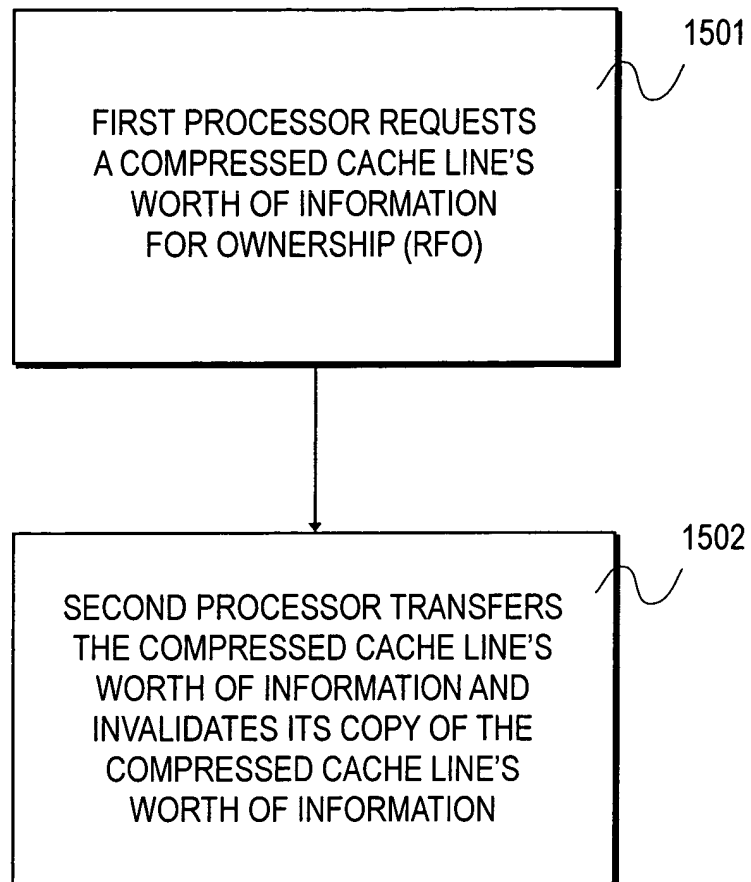


FIG. 15

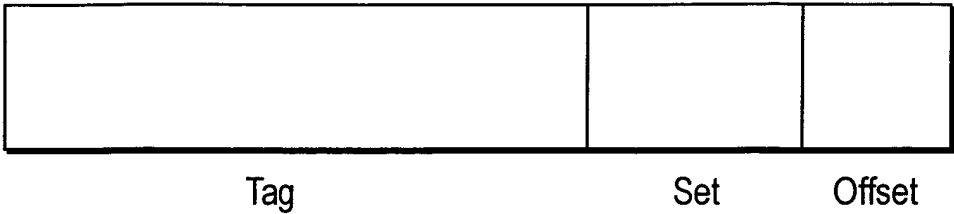


FIG. 16A
(Prior Art)

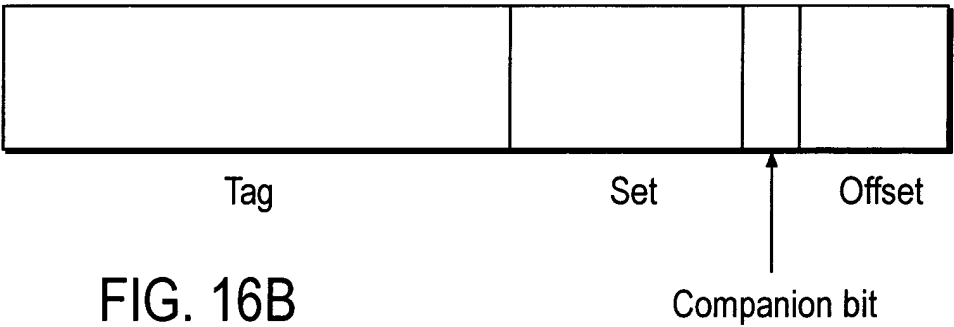


FIG. 16B

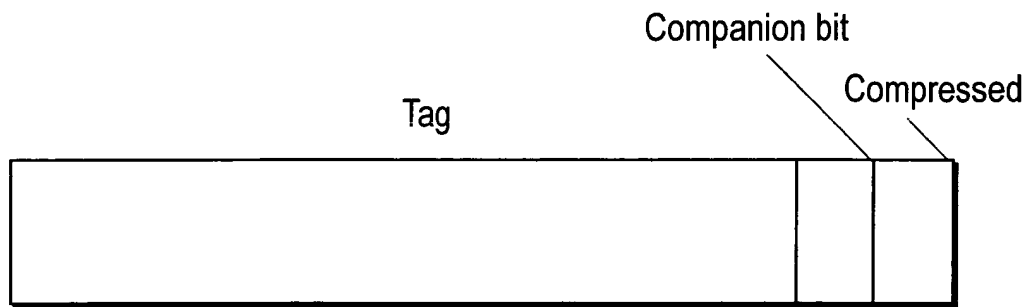


FIG. 17

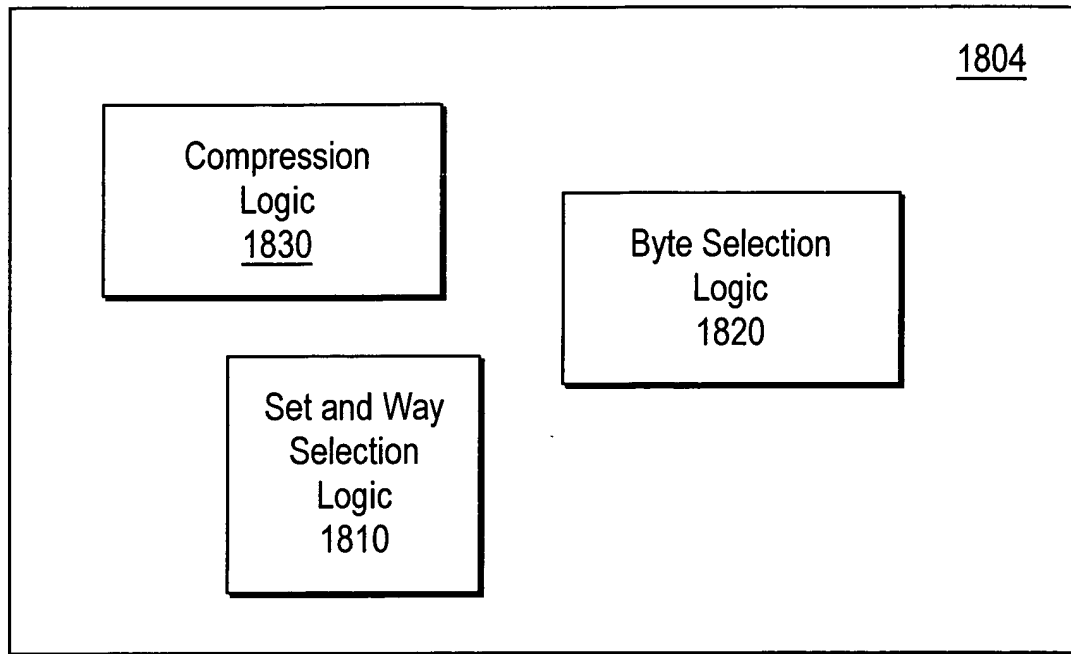


FIG. 18

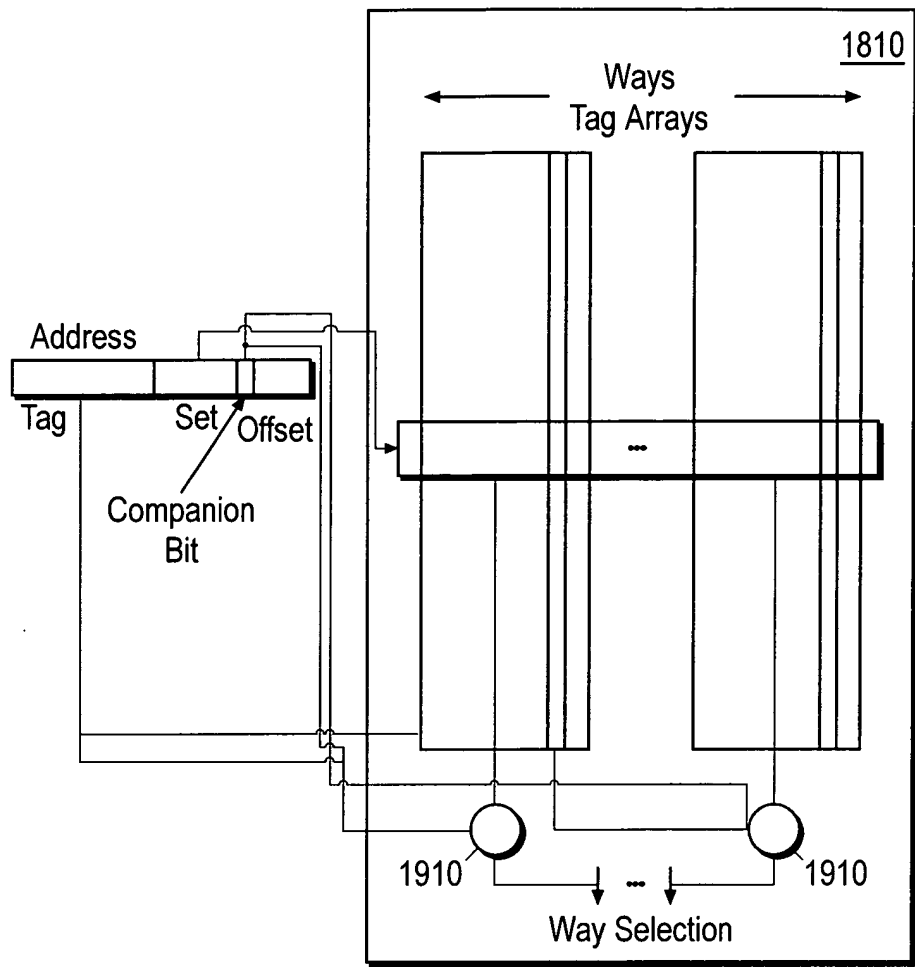


FIG. 19

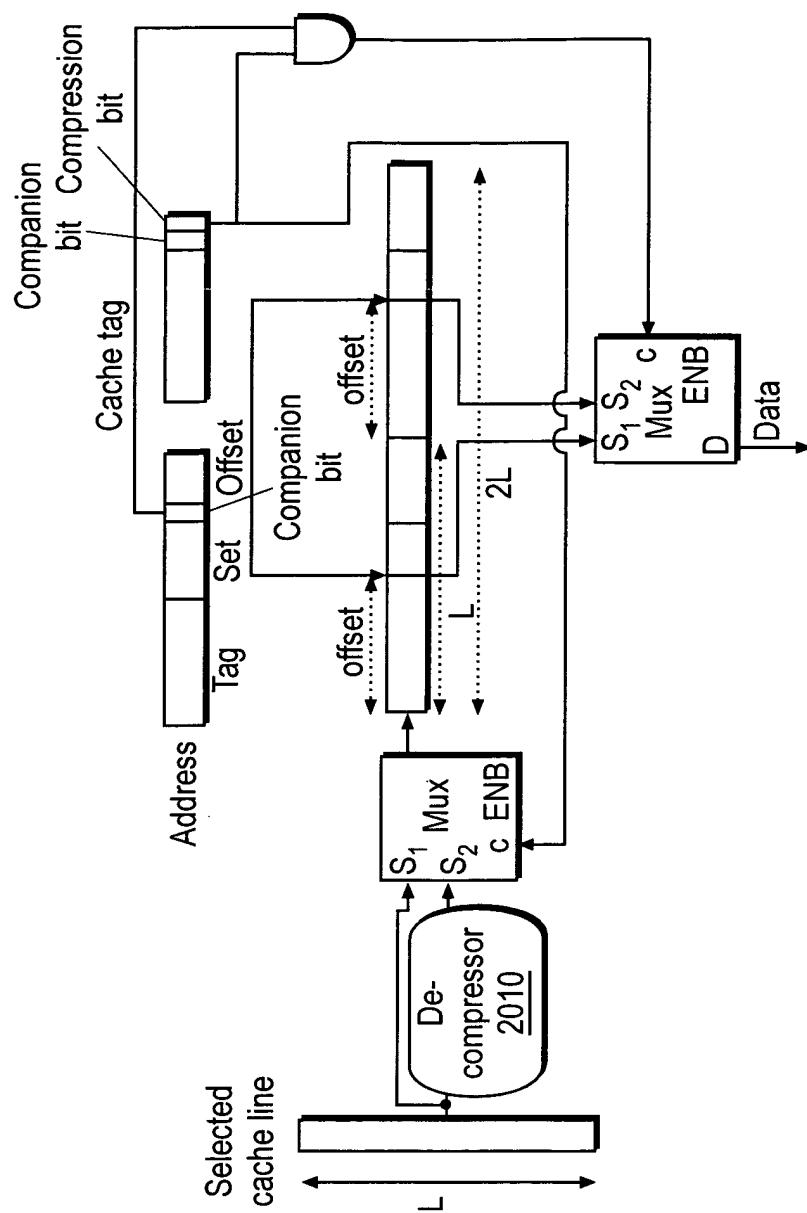


FIG. 20